

**Abstract**

Systems, methods, and computer-readable mediums for accessing remote files are disclosed. In one embodiment, a driver is used to filter read requests initiated by a client computer. If a file that is the subject of a read request is referenced by a local file system of the client computer, the driver routes the read request to the local file system. If a file that is the subject of a read request is not referenced by the local file system, the driver routes the read request to a remote file system. All requests to write files of the remote file system are routed to the local file system, thereby causing a file that is the subject of such a request to be written to the local file system.